

NAME

Net::DNS::RR::CSYNC – DNS CSYNC resource record

SYNOPSIS

```
use Net::DNS;
$rrr = new Net::DNS::RR('name CSYNC SOAserial flags typelist');
```

DESCRIPTION

Class for DNSSEC CSYNC resource records.

METHODS

The available methods are those inherited from the base class augmented by the type-specific methods defined in this package.

Use of undocumented package features or direct access to internal data structures is discouraged and could result in program termination or other unpredictable behaviour.

SOAserial**soaserial**

```
$soaserial = $rr->soaserial;
$rr->soaserial( $soaserial );
```

The SOA Serial field contains a copy of the 32-bit SOA serial number from the child zone.

flags

```
$flags = $rr->flags;
$rr->flags( $flags );
```

The flags field contains 16 bits of boolean flags that define operations which affect the processing of the CSYNC record.

immediate

```
$rr->immediate(1);

if ( $rr->immediate ) {
    ...
}
```

If not set, a parental agent must not process the CSYNC record until the zone administrator approves the operation through an out-of-band mechanism.

soaminimum

```
$rr->soaminimum(1);

if ( $rr->soaminimum ) {
    ...
}
```

If set, a parental agent querying child authoritative servers must not act on data from zones advertising an SOA serial number less than the SOAserial value.

typelist

```
@typelist = $rr->typelist;
$typelist = $rr->typelist;
```

The type list indicates the record types to be processed by the parental agent. When called in scalar context, the list is interpolated into a string.

COPYRIGHT

Copyright (c)2015 Dick Franks

All rights reserved.

Package template (c)2009,2012 O.M.Kolkman and R.W.Franks.

LICENSE

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of the author not be used in advertising or publicity pertaining to distribution of the software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

SEE ALSO

perl, Net::DNS, Net::DNS::RR, RFC7477